

HEMOCONCENTRATORS

THE MOST COMPLETE RANGE OF SURFACES ON THE MARKET

Hemoconcentrators are used during cardiac surgery to control hemodilution and hematocrit levels during surgery procedures.

Medica manufactures a complete range of hemoconcentrators based on **PUREMA®** membrane and **MediSulfone®** membrane.

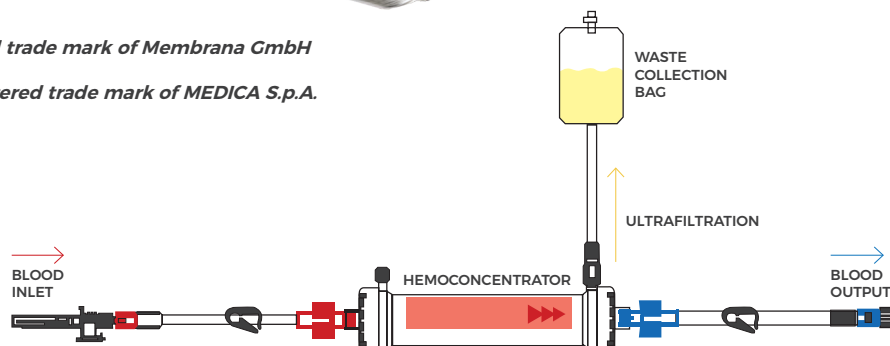
The range includes models for adult and pediatric patients.

Medica hemoconcentrators are available pre-rinsed to avoid the priming procedure.



PUREMA® is a registered trade mark of Membrana GmbH

MediSulfone® is a registered trade mark of MEDICA S.p.A.



PEDIATRIC HEMOCONCENTRATORS

TECHNICAL FEATURES	D050	D100	D150	DP03HC
Intended use	Neonatal	Pediatric	Pediatric	Pediatric
Hollow fiber material	MediSulfone® Polysulfone	MediSulfone® Polysulfone	MediSulfone® Polysulfone	PUREMA® Polyethersulfone
Membrane area (m2)	0.07	0.15	0.25	0.3
Fiber inner diameter (μ)	250			200
Fiber wall thickness (μ)	50			30
Priming volume (ml)	6	11,5	19	21
Max TMP (mmHg)	500			
Cartridge blood connectors	MLL	Tube site	Twist lock	
Cartridge filtrate connectors	FLL	FLL	FLL	
KUF ml/h/mmHg	1.3	3.0	5.5	12
Product code - ETO sterile UDI-DI code	-	-	-	M03957 8033772326216
Product code - Irradiation sterile UDI-DI code	M03665 8033772328210	M03985 8033772329125	M03098 8033772328227	M03967 8033772326315
Packaging (Q.ty/box)	15	15	10	10

ADULT HEMOCONCENTRATORS

Female luer lock filtrate connection

TECHNICAL FEATURES	DP07HC	DP09HC	DP12HC	DP15HC
Intended use	Adult			
Hollow fiber material	HIGH FLUX PUREMA®			
Membrane area (m2)	0.7	0.9	1.2	1.5
Fiber internal diameter (μm)	200			
Fiber wall thickness (μm)	30			
Priming Blood volume (ml)	49	57	75	87
Max TMP (mmHg)	500			
Cartridge Blood Connectors	Twist Lock			
Cartridge filtrate/dialysate connectors	Female Luer Lock			
Unit Length (mm)	180	180	265	265
KUF (ml/h/mmHg)	20	24	36	42
Product code - ETO sterile UDI-DI code	M03958 8033772326223	M03959 8033772326230	M03960 8033772326247	M03961 8033772326254
Product code - Irradiation sterile UDI-DI code	M03968 8033772326322	M03969 8033772326339	M03970 8033772326346	M03971 8033772326353
Packaging (Q.ty/box)	6			

Hansen filtrate connection

DP60HC	DP120HC	DP150HC	DP190HC	DP230HC
Adult				
HIGH FLUX PUREMA®				
0.6	1.2	1.5	1.9	2.3
200				
30				
39	69	87	115	133
500				
Twist Lock				
Hansen				
180	300	300	300	300
17	34	42	53	64
M03962 8033772326261	M03963 8033772326278	M03964 8033772326285	M03965 8033772326292	M03966 8033772326308
M03972 8033772326360	M03973 8033772326377	M03974 8033772326384	M03975 8033772326391	M03976 8033772326407
10	28	28	20	20

HEMOCONCENTRATOR SETS

PRODUCT DESCRIPTION	Tubes length (mm)	Waste bag (ml)	CODE Rays Sterile	Q.ty/box
D 050 0.075 m2 Hemoconcentrator Set	500,500,900 (uf)	500	M03738	40
D 150 0.25 m2 Hemoconcentrator Set			M03320	25
DP03HC 0.3 m2 Hemoconcentrator Set			M90006	25
PRODUCT DESCRIPTION	Tubes length (mm)	Waste bag (ml)	CODE Rays Sterile	Q.ty/box
DP07HC 0.7 m2 Hemoconcentrator Set	1000,1000,900 (uf)	2.000	M90007	25
DP09HC 0.9 m2 Hemoconcentrator Set			M90008	25
DP12HC 1.2 m2 Hemoconcentrator Set			M90009	12
DP15HC 1.5 m2 Hemoconcentrator Set			M90010	12
PRODUCT DESCRIPTION	Tubes length (mm)	Waste bag (ml)	CODE Rays Sterile	Q.ty/box
DP60HC 0.6 m2 Hemoconcentrator Set	1000,1000,900 (uf)	2.000	M90011	25
DP120HC 1.2 m2 Hemoconcentrator Set			M90012	12
DP150HC 1.5 m2 Hemoconcentrator Set			M90013	15
DP190HC 1.9 m2 Hemoconcentrator Set			M90014	12
DP230HC 2.3 m2 Hemoconcentrator Set			M90015	12

Based on the available range of hemoconcentrators, Medica manufactures a full range of standard hemoconcentrator sets, pre-assembled including the hemoconcentrator filter for both pediatric and adult use. The sets are pre-rinsed for immediate use. Furthermore Medica can manufacture on request customised hemoconcentrator sets according to specific design. Sets are sterilised by Beta Rays.